

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	BP2960
First Inventor	Henrik T. Jensen
Title	PHASE LOCKED LOOP CALIBRATION VIA THE CHARGE PUMP
Express Mail Label No.	EL979644327US

APPLICATION ELEMENTS

See MPEP chapter §00 concerning utility patent application contents

- ☒ Fee Transmittal Form (e.g. PTO/SB/17)
(submit an original and a duplicate for fee processing)
- ☐ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages 246]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Pages 8]
- Oath or Declaration [Total Pages 2]
a. ☒ Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
b. ☐ (for continuation/divisional with Box 18 completed)
i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

 Assistant Commissioner for Patents
 Box Patent Application
 Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies.

ACCOMPANYING APPLICATION PARTS

- ☒ Assignment Papers (cover sheet & documents(s))
- ☒ 37 CFR 3.73(b) Statement
(when there is an assignee) ☒ Power of
Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure
Statement (IDS)/PTO-1449 ☐ Copies of IDS
Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
- ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____
 Prior application information: Examiner, _____ Group Art Unit: _____

 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under
 Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.
 The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 34,399 or ☐ Correspondence address below
 (insert customer no. or attach bar code label here)

Name	Timothy W. Markison				
Address	P.O. Box 160727				
City	Austin	State	TX	Zip Code	78716-0727
Country	USA	Telephone	(512) 342-0612	FAX	(512) 342-1674

Name (Print/Type)*	Timothy W. Markison	Registration No. (Atty/Agent)	33,534
Signature	<i>TW Markison</i>	Date	9/8/03

22386 U.S. PTO

10/657434

09/08/03

Please type a plus sign (+) inside this box ☐

PTO/SB/17 (11, 00)
 Approved for use through 10/31/2002. OMB 0551-0032
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) \$844.00

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Henrik T. Jensen
Examiner Name	
Group Art Unit	
Atty Docket No.	BP2960

METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number
Deposit
Account
Name

- ☐ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status.
See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money
Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Fee Description	Fee Paid
Utility filing fee	750.00
Design filing fee	
Plant filing fee	
Reissue filing fee	
Provisional filing fee	

SUBTOTAL(1) (\$) \$750.00

2. EXTRA CLAIM FEES

Fee From Below

	Extra Claims	Fee Paid
Total Claims	23 -20** 3 X 18 =	\$4.00
Independent Claims	3 -3** 0 X 84 =	0.00
Multiple Dependent		

Fee Description
 Claims in excess of 20
 **Reissue independent claims
 over original patent
 **Reissue claims in excess of 20
 and over original patent

SUBTOTAL (2) (\$) \$4.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Description

Surcharge-late filing fee or oath
 Surcharge- late provisional filing fee or
 or cover sheet
 Non-english specifications
 For filing a request for ex parte reexamination
 Requesting publication of SIR prior to
 Examiner action
 Requesting publication of SIR after
 Examiner action

Extension for reply within first month
 Extension for reply within second month
 Extension for reply within third month
 Extension for reply within fourth month
 Extension for reply within fifth month
 Notice of Appeal

Filing a brief in support of appeal
 Request for oral hearing
 Petition to institute a public use proceeding
 Petition to revive - unavoidable
 Petition to revive unintentional
 Utility Issue Fee (or reissue)
 Design Issue Fee
 Plant Issue Fee

Petitions to the Commissioner
 Processing fee under 37 CFR 1.17(q)
 Submissions of Information Disclosure Stmt
 Recording each patent assignment per
 property (times number of properties)

Filing a submission after final rejection
 (37 CFR 1.129(a))

For each additional invention to be
 examined (37 CFR 1.129(b))

Request for Continued Examination (RCE)
 Request for expedited Examination of design applica
 Other fee (specify)

Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

\$40.00

SUBMITTED BY

Complete (if applicable)

Name (Print Type) Timothy W. Markison

Registration No.
(Attorney Agent)

33,534

Telephone

(512) 342-0612

Signature

[Signature]

Date

9/8/03

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

Certificate Under 37 CFR 3.73(b)

Applicants:

Henrik T. Jensen

Hea Joung (Kimmer) Kim, Ph.D

Entitled: **PHASE LOCKED LOOP****MODULATOR CALIBRATION TECHNIQUES**

Application No.

Filing Date:

Broadcom Corporation

(Name of Assignee)

a, California Corporation

(Type of Assignee)

states that it is :

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either :

- A. ☒ An Assignment for the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title for the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

☒

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date: _____

Dee Henderson

Name: _____

Manager, Intellectual Property Portfolio

Title: _____

Signature: _____

